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Work Experience

2012- Researcher, Laboratory for Proteolytic Neuroscience, RIKEN brain institute

Education

2012 Ph.D, Department of Bioscience, School of Science and Technology, Kwansai Gakuin University,

2009 M.Sc, Department of Bioscience, School of Science and Technology, Kwansai Gakuin University,

2007 B.Sc, Department of Bioscience, School of Science and Technology, Kwansai Gakuin University,

Award

2009 82th Annual Meeting of the Japanese biochemical Society, Excellent presentation award

Fellowship

2009-2012 Japan Society for the Promotion of Science, Research fellowship for young scientist (DC1)

Publications

Shoko Hashimoto, Susumu Imaoka.

Protein disulfide isomerase regulates the thyroid hormone receptor-mediated gene expression via redox factor-1 through thiol reduction-oxidation., J. Biol. Chem. 2013, in press

Shoko Hashimoto, Len Ito, Masaki Okumura, Tomohisa Shibano, Marina Nawata, Takashi Kumasaka, Hiroshi Yamaguchi, and Susumu Imaoka

Crystallization and preliminary crystallographic analysis of the triiodothyronine-bb' fragment complex of protein disulfide isomerase, *Acta Crystallographica Section F*, 68(4):476-8, 2012

Shoko Hashimoto, Hiromi Yoshimura, Kazushi Okada, Naoto Uramaru, Kazumi Sugihara, Shige-yuki Kitamura, and Susumu Imaoka.

Effects of polybrominated diphenyl ethers (PBDEs) and their derivatives on protein disulfide isomerase activity and growth hormone release of GH3 cells, *Chem. Res. Toxicol.* 25(3):656-63, 2012

Shoko Hashimoto, Keiko Shiimoto, Kazushi Okada, and Susumu Imaoka.

The binding site of bisphenol A to protein disulphide isomerase., *J. Biochem.* 151(1):35-45, 2012

Kazushi Okada, Shoko Hashimoto and Susumu Imaoka

Biological functions of protein disulfide isomerase (PDI) as a target of phenolic endocrine-disrupting chemicals, *J. Health Science.* 56(1) 1-13, 2010

Kazushi Okada, Shoko Hashimoto, Yoshihiko Funae, and Susumu Imaoka.

Hydroxylated polychlorinated biphenyls (PCBs) interact with protein disulfide isomerase and inhibit its activity., *Chem. Res. Toxicol.* 22(5):899-904, 2009

Shoko Hashimoto, Kazushi Okada, and Susumu Imaoka

Interaction between bisphenol derivatives and protein disulfide isomerase (PDI) and inhibition of PDI functions: Requirement of chemical structure for binding to PDI, *J. Biochem.* 144(3):335-42, 2008

Kazushi Okada, Susumu Imaoka, Shoko Hashimoto, Toyoko Hiroi, and Yoshihiko Funae, Over-expression of protein disulfide isomerase reduces the release of growth hormone induced by bisphenol A and/or T3, *Mol. Cell. Endocrinol.* 278(1-2):44-51, 2007